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PATENT

PRE-ASSEMBLED INTERNAL SHEAR PANEL

Abstract of the Disclosure

5 An internal shear panel for reducing the tendency of the
upper portions of buildings to move relative to the
foundation when lateral forces, such as those produced by
winds and earthquakes, are applied to the walls. The shear
panel is pre-assembled having two vertical posts and two
diaphragm members interconnecting the two vertical posts.
10 The panel also has an upper and a lower horizontal member
that are connected to the vertical posts and the diaphragm
members. The lower horizontal member and the vertical posts
are configured to be attached via brackets to holdown bolts
mounted in the foundation of a building and the upper
horizontal member is configured to be attached to an upper
15 plate or rail of the wall. Hence, the shear panel can be
installed by connecting the upper horizontal member to the
upper portion of the wall and connecting the lower horizontal
member to the holdown bolts in the foundation.

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